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U.S. Decennial Life Tables for 1979-81

Volume II, State Life Tables
Number 16, Iowa

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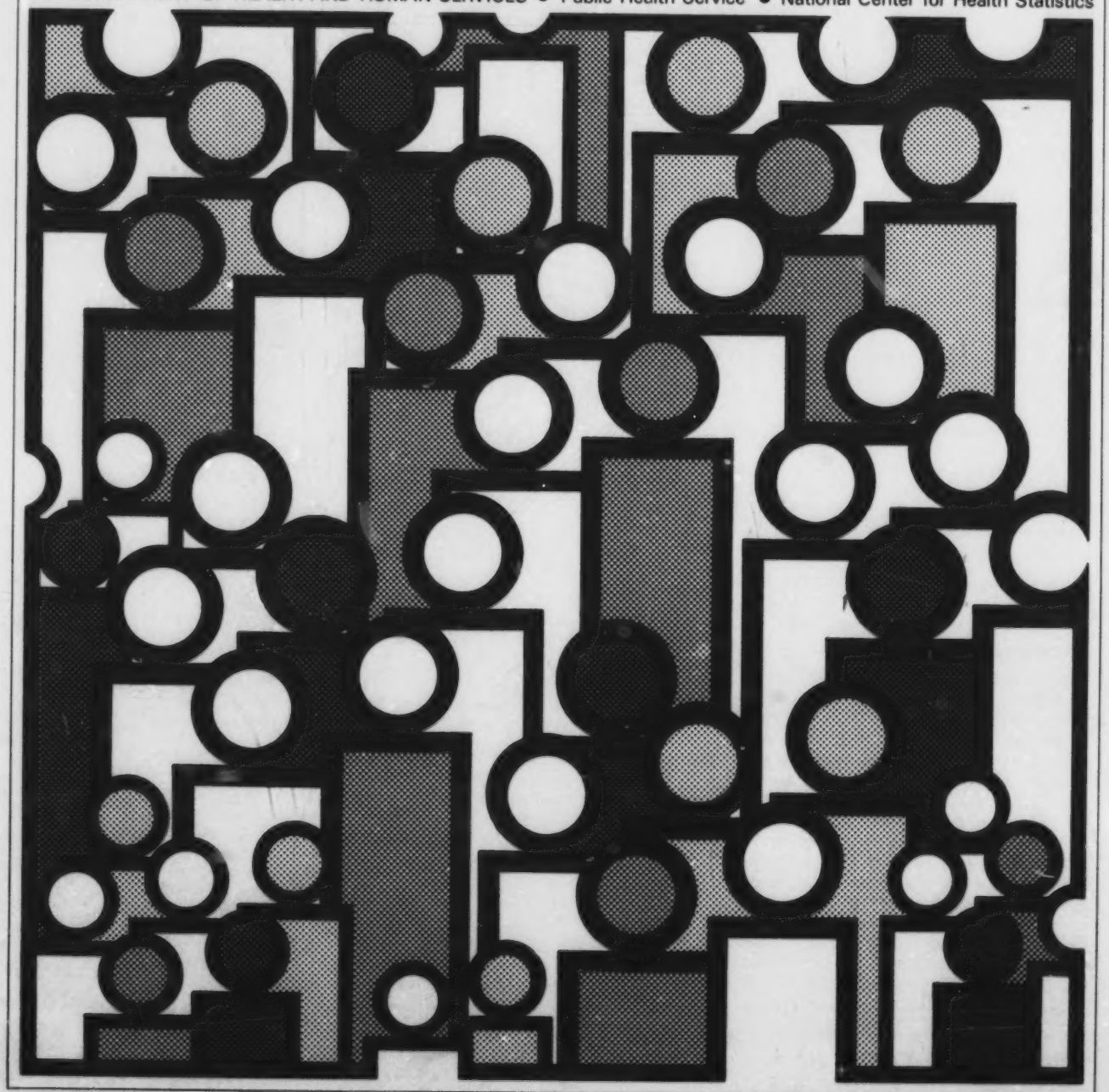

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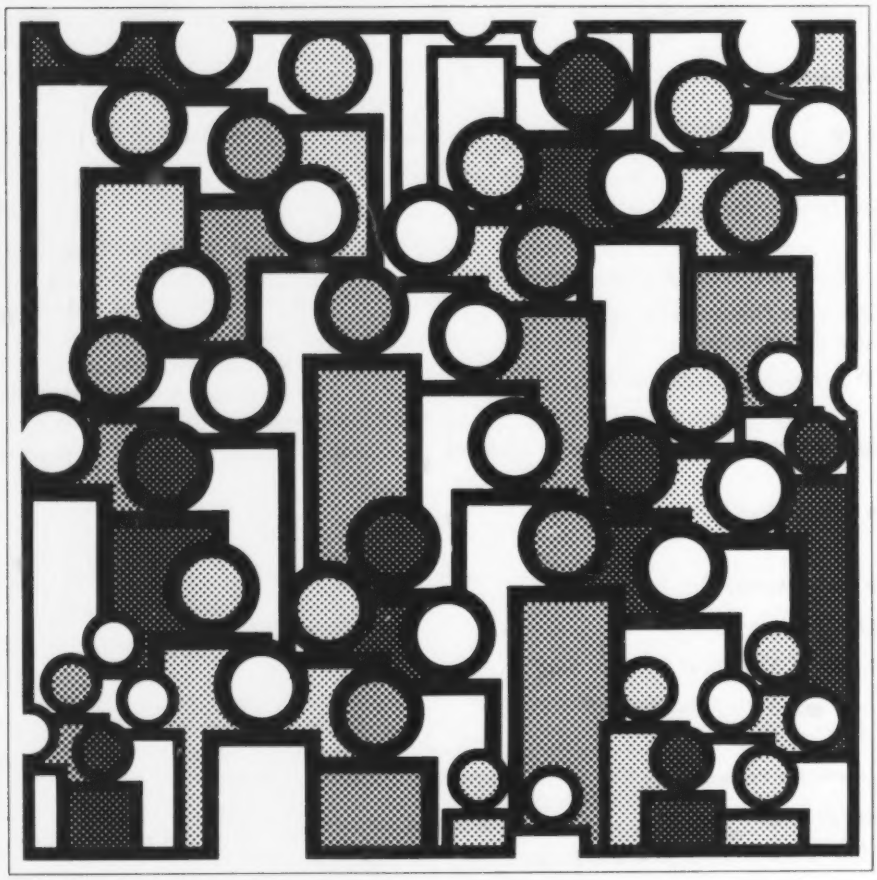

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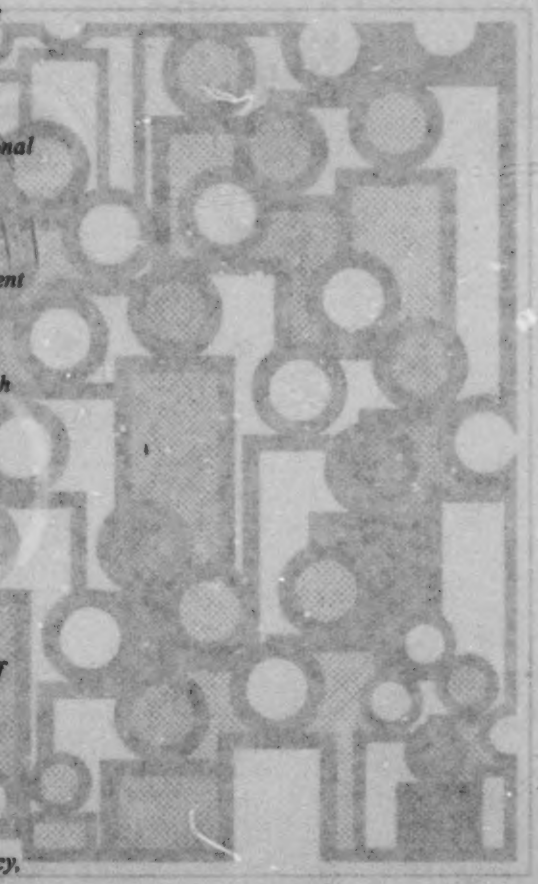

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Contents

Preparation of the life tables 16–iv

Explanation of the State tables 16–1

Explanation of the columns of the life table 16–1

Text table

Average lifetime in years by race and sex: United States and each State in rank order, 1979–81 16–3

Detailed tables

1. Life table for the total population: Iowa, 1979–81 16–4
2. Life table for males: Iowa, 1979–81 16–6
3. Life table for females: Iowa, 1979–81 16–8
4. Life table for the white population: Iowa, 1979–81 16–10
5. Life table for white males: Iowa, 1979–81 16–12
6. Life table for white females: Iowa, 1979–81 16–14
7. Standard errors of the probability of dying: Iowa, 1979–81 16–16
8. Standard errors of the average remaining lifetime: Iowa, 1979–81 16–18

Symbols

---	Data not available
...	Category not applicable
-	Quantity zero
0.0	Quantity more than zero but less than 0.05
Z	Quantity more than zero but less than 500 where numbers are rounded to thousands
*	Figure does not meet standard of reliability or precision (not published when fewer than 700 male or female deaths for any racial group were registered in 1979–81)

Preparation of the life tables

Robert J. Armatrong of the Division of Vital Statistics, National Center for Health Statistics, developed the content of the life tables and the methodology to produce them. He was also responsible for coordinating all the activities of the Social Security Administration, the U.S. Bureau of the Census, and the various components of the National Center for Health Statistics that contributed to the production of these life tables.

Nonie Atkinson of the Office of Research and Methodology was responsible for the overall computer systems analysis and design, and played a major role in writing the programs to produce the life tables and their variances.

Anne K. Stratton of the Computer Applications Staff of the Division of Vital Statistics coordinated all data processing and developed computer processes which eased the workload of the actuarial statistician and the Publications Branch. She also provided major programming support in summarizing data basic to the calculation of the life tables.

John E. Mounts, Ann A. Swain, Arlett R. Brown, and Barbara B. Beals of the Publications Branch, Division of Data Services, provided consultation, publications management, and editorial review. Stephen L. Sloan supervised the production of the cover design, and Linda L. Bean coordinated the printing.

An ad hoc committee provided guidance and many helpful suggestions on the methodology and content of the life tables. This committee was headed by Thomas N. E. Greville of the University of Wisconsin. Other members were Francisco Bayo, Joseph Faber, and John Wilkin of the Office of the Actuary, Social Security Administration; Jacob S. Siegel and Jeffrey Passel of the U.S. Bureau of the Census; and various staff members of the National Center for Health Statistics.

Iowa Life Tables: 1979–81

Explanation of the State tables

This report contains the 1979–81 life tables and standard error tables for this State. Other publications in this decennial series present life tables for the United States and the other individual States. Each of these reports shows life tables calculated for the white population, the population other than white, and the black population separately by sex and for both sexes combined. Also included are life tables for the total population, for total males, and for total females. Life tables, however, for any racial group in a State are not being published when the total number of deaths for either males or females during the 3-year period is less than 700.

The tables are based on the 1980 Census of Population and on the average annual number of resident deaths during the 3-year period 1979–81. In deriving life table values at ages under 2, reported births for the years 1977–81 have also been used. Mortality rates (proportions dying) at ages 95 and over are based on the experience of the Medicare program of the Social Security Administration. These rates are differentiated by race and sex but not by State. Values at ages 85–94 have also been adjusted to provide a smooth transition between the mortality rates based on the census and registered deaths and those derived from the Medicare program. Therefore the figures at ages 85 and above may fail to reflect adequately variation in mortality among the States. Such variation, however, is in general smaller than differences associated with race and sex. The population and death statistics at ages under 85 are known to be subject to certain errors, but these were not considered to be serious enough to require adjustment prior to the calculation of the life tables. However, in some instances fluctuations due to the small volume of data produced anomalous life-table values, which were eliminated by minor redistribution of deaths by age.

A separate report, in this series of 55 reports, describes the methods and formulas by which the national and State life tables were prepared, and an explanation of the columns of the life table precedes the tables in this State report.

The life table assumes that a hypothetical cohort traced from birth until the death of the last survivor is subject throughout its existence to the age by age mortality rates observed in a certain population or population subdivision during a specified period. For example, table 3 is a life table for females. This table shows the progress of a cohort starting with 100,000 live births and subject during its passage through successive years of age to the average annual mortality rates observed among females in this State in the 3-year period 1979–81.

Column 7 of table 3 shows the average number of years of life remaining to those in the cohort who attain each birthday. This average remaining lifetime is commonly called the expectation of life, and the expectation of life at birth is frequently used as a measure of comparative longevity. According to the 1979–81 life tables for this State, the expectation of life at birth is 72.00 years for total males and 79.60 for total females. Among the 50 States and the District of Columbia in the expectation of life at birth for the total population, this State ranks 3d.

The ranking table shows the average lifetime (or expectation of life at birth) by race and sex for the population of the United States, each State, and the District of Columbia.

These life tables are based on a complete count of resident deaths in this State during the 3 years 1979, 1980, and 1981. As such, they are not subject to sampling error. However, even complete counts may be considered as one of a large series of possible results that could have arisen under the same circumstances. This type of variation is known as random error. The reader should remember that the standard errors shown in this report reflect this random error only. Other errors such as misreporting age on death certificates or in the census are not reflected in them.

Standard errors of the probability of dying and of life expectancy are being shown with these life tables for the first time. In both cases the standard errors contain one decimal place more than the corresponding variable in the life tables. In computing confidence intervals the limits are rounded to the same number of decimal places that the variable has in the life table.

To obtain a 68-percent confidence interval for the probability of dying at any age, take the point estimate from column 2 of the appropriate life table and add and subtract one standard error (from the Standard Errors of the Probability of Dying table). The 95-percent confidence interval is obtained by adding and subtracting two standard errors. For example, the probability that a 50-year-old white female will die before her 51st birthday is .00292 with a standard error of .000261. Therefore the 68-percent confidence interval is from .00266 to .00318 and the 95-percent confidence interval is from .00240 to .00344. The life expectancy of a 50-year-old white female is 32.10 years with a standard error of .055 years. The 68-percent confidence interval for the life expectancy is therefore from 32.04 to 32.16 years and the 95-percent confidence interval is from 31.99 to 32.21 years.

Explanation of the columns of the life table

Column 1—Year of age (x to $x+1$)—The year of age shown in column 1 is the interval of 1 year between the two

exact ages indicated. For instance, "21–22" indicates the interval between the 21st birthday and the 22d, in other words, the 22d year of life.

Column 2—Proportion dying (q_x)—This column shows the proportion of the members of the life-table cohort alive at the beginning of the indicated year of age who will die before reaching the next birthday on the basis of the mortality rates of 1979–81 in this State. For example, for females in the year of age 21–22, the proportion dying is .00053—of every 1,000 reaching their 21st birthday, 0.53 will die before reaching their 22d birthday.

Column 3—Number surviving (l_x)—This column shows the number of persons, starting with a cohort of 100,000 live births, who will survive to the birthday marking the beginning of the indicated year of age. Thus of 100,000 babies born alive in the cohort of table 3, 99,092 will complete the first year of life and enter the second, 98,398 will reach age 21, and 72,229 will live to age 75.

Column 4—Number dying (d_x)—This column shows the number dying in the indicated year of age of 100,000 live births. Thus out of 100,000 born alive in the cohort of table 3, 908 will die in the first year of life, 52 in the 22d year, and 2,083 in the 76th year. Each figure in column 4 is the difference between two successive figures in column 3.

Columns 5 and 6—Stationary population (L_x and T_x)—Suppose that a group of 100,000 persons like that assumed in columns 3 and 4 is born each year and that the proportion dying in each such group in each year of age throughout the lives of the members is exactly that shown in column 2. If there were no migration and if the births were evenly distributed over the year, the survivors of these births would constitute what is called a stationary population, because in such a population the number of persons living in any given year of age would never change. When an individual left an age, whether by death or by growing older and entering the next higher age, his place would immediately be taken by someone entering from the next lower age. Thus a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the various ages. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who each year will reach the birthday that marks the beginning of the year of age indicated in column 1, and column 4 shows the number of persons who will die each year in that year of age.

Column 5, L_x, shows the number of persons in the stationary population in the indicated year of age. For example, the figure shown in table 3 for the year of age 21–22 is 98,371. This means that in a stationary population supported by 100,000 annual births and with proportions dying at each age always in accordance with column 2, a census taken on any date would show 98,371 persons at age 21 (that is, between exact ages 21 and 22 years).

Column 6, T_x, shows the total number of persons in the stationary population (column 5) in the indicated year of age and all subsequent years of age. For example, in the stationary population of females described in the preceding paragraph, column 6 shows that there would be at any given moment 5,885,337 persons who had reached their 21st birthday. The population at all ages 0 and above (in other words, the total stationary population of females) would be 7,959,629.

Column 7—Average remaining lifetime (e_x)—The average remaining lifetime (also called expectation of life) at any given age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to relate these figures to the preceding columns of the life table, it is necessary to observe that the figures in column 5 can also be interpreted in terms of a single life-table cohort without introducing the concept of a stationary population. From this point of view, each figure in column 5 represents the total time in years lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus the figure 98,371 for females in this State in the year of age 21–22 is the total number of years lived between their 21st and 22d birthdays by the 98,398 (column 3) who reached the 21st birthday out of the original cohort of 100,000, and the corresponding figure (5,885,337) in column 6 is the total number of years lived after attaining age 21 by the 98,398 reaching that age. This number of years divided by the number of persons (5,885,337 divided by 98,398) gives 59.81 as the average remaining lifetime at age 21 for females in this State.

AVERAGE LIFETIME IN YEARS BY RACE AND SEX: UNITED STATES AND EACH STATE IN RANK ORDER, 1979-81

(STATES ARE RANKED ACCORDING TO THE AVERAGE LIFETIME FOR THE TOTAL POPULATION)

RANK	AREA	TOTAL			WHITE			ALL OTHER					
								TOTAL			BLACK		
		BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE
1	HAWAII	77.02	74.08	80.33	76.22	73.04	79.81	77.46	74.57	80.72	*	*	*
2	MINNESOTA	76.15	72.52	79.82	76.25	72.63	79.90	*	*	*	*	*	*
3	IOWA	75.81	72.00	79.60	75.88	72.09	79.64	*	*	*	*	*	*
4	UTAH	75.76	72.38	79.18	75.80	72.42	79.22	*	*	*	*	*	*
5	NORTH DAKOTA	75.71	72.09	79.68	76.03	72.45	79.85	*	*	*	*	*	*
6	NEBRASKA	75.49	71.73	79.29	75.73	71.97	79.53	*	*	*	*	*	*
7	WISCONSIN	75.35	71.86	78.87	75.53	72.05	79.05	71.17	67.53	74.83	70.53	66.98	74.09
8	KANSAS	75.31	71.60	78.99	75.57	71.85	79.26	71.33	67.87	74.75	69.68	66.17	73.24
9	COLORADO	75.30	71.78	78.80	75.37	71.84	78.89	74.09	70.74	77.32	71.01	67.41	74.66
10	IDAHO	75.19	71.52	79.15	75.24	71.58	79.19	*	*	*	*	*	*
11	WASHINGTON	75.13	71.74	78.57	75.23	71.86	78.64	73.84	70.18	77.83	*	*	*
12	CONNECTICUT	75.12	71.51	78.57	75.46	71.90	78.86	71.45	67.13	75.55	70.32	65.80	74.62
13	MASSACHUSETTS	75.01	71.27	78.46	75.11	71.38	78.54	73.64	69.60	77.51	71.74	67.53	75.73
14	OREGON	74.99	71.35	78.77	75.03	71.41	78.79	*	*	*	*	*	*
15	NEW HAMPSHIRE	74.98	71.43	78.42	74.94	71.39	78.38	*	*	*	*	*	*
16	SOUTH DAKOTA	74.97	71.03	79.21	75.94	72.07	80.07	*	*	*	*	*	*
17	VERMONT	74.79	71.06	78.49	74.76	71.03	78.47	*	*	*	*	*	*
18	RHODE ISLAND	74.76	70.96	78.33	74.87	71.06	78.45	*	*	*	*	*	*
19	MAINE	74.59	70.78	78.41	74.58	70.77	78.39	*	*	*	*	*	*
20	CALIFORNIA	74.57	71.09	78.02	74.67	71.18	78.12	74.30	70.86	77.81	69.54	65.47	73.74
21	ARIZONA	74.30	70.46	78.34	74.78	71.08	78.66	69.59	64.63	75.04	*	*	*
22	NEW MEXICO	74.01	69.91	78.34	74.44	70.46	78.63	70.54	65.32	76.12	*	*	*
23	FLORIDA	74.00	70.08	77.98	74.95	71.10	78.86	68.07	63.76	72.41	67.39	63.05	71.79
23	NEW JERSEY	74.00	70.48	77.39	74.69	71.25	77.99	69.91	65.73	73.90	68.87	64.53	73.02
25	MONTANA	73.93	70.47	77.68	74.46	71.00	78.19	*	*	*	*	*	*
	UNITED STATES	73.88	70.11	77.62	74.53	70.82	78.22	69.84	65.63	74.00	68.52	64.10	72.88
26	WYOMING	73.85	69.95	78.20	74.05	70.15	78.39	*	*	*	*	*	*
27	INDIANA	73.84	70.16	77.46	74.22	70.57	77.82	69.55	65.53	73.54	68.78	64.71	72.87
27	MISSOURI	73.84	69.92	77.72	74.48	70.64	78.29	68.74	64.02	73.29	67.96	63.14	72.65
29	ARKANSAS	73.72	69.73	77.83	74.44	70.46	78.59	69.95	65.51	74.16	69.49	65.00	73.77
30	NEW YORK	73.70	70.02	77.18	74.44	70.90	77.80	70.13	65.58	74.26	68.97	64.14	73.28
31	MICHIGAN	73.67	70.07	77.29	74.46	70.94	77.99	68.91	64.73	73.17	68.19	63.87	72.58
31	OKLAHOMA	73.67	69.63	77.81	73.93	69.90	78.07	71.97	67.63	76.26	68.96	64.71	73.22
33	TEXAS	73.64	69.70	77.67	74.22	70.30	78.22	69.69	65.40	74.05	68.88	64.44	73.42
34	PENNSYLVANIA	73.58	69.90	77.16	74.13	70.52	77.64	68.58	64.07	72.93	67.89	63.27	72.35
35	OHIO	73.49	69.85	77.06	74.01	70.42	77.53	69.21	65.16	73.24	68.67	64.56	72.75
36	VIRGINIA	73.43	69.60	77.27	74.42	70.54	78.28	69.57	65.76	73.49	68.96	65.08	72.99
37	ILLINOIS	73.37	69.55	77.13	74.29	70.57	77.96	68.71	64.32	72.99	67.63	63.02	72.09
38	MARYLAND	73.32	69.71	76.83	74.36	70.86	77.73	69.83	65.89	73.81	69.17	65.13	73.25
39	TENNESSEE	73.30	69.15	77.47	74.13	69.99	78.31	68.87	64.37	73.19	68.60	64.07	72.96
40	DELAWARE	73.21	69.56	76.78	74.11	70.53	77.59	68.98	64.93	73.15	68.38	64.35	72.53
41	KENTUCKY	73.06	69.14	77.12	73.39	69.46	77.46	68.91	64.90	72.93	68.32	64.31	72.38
42	NORTH CAROLINA	72.96	68.60	77.35	74.27	70.02	78.53	68.61	63.66	73.58	68.31	63.33	73.32
43	WEST VIRGINIA	72.84	68.86	76.93	72.98	68.99	77.09	69.05	65.03	72.88	67.91	63.66	71.94
44	NEVADA	72.64	69.26	76.48	72.90	69.52	76.72	*	*	*	*	*	*
45	ALABAMA	72.53	68.28	76.79	73.88	69.67	78.15	68.52	63.76	73.05	68.33	63.54	72.89
46	ALASKA	72.24	68.71	76.87	73.42	69.99	77.93	*	*	*	*	*	*
47	GEORGIA	72.22	68.01	76.35	73.80	69.56	78.01	67.87	63.41	72.06	67.66	63.18	71.88
48	MISSISSIPPI	71.98	67.64	76.39	73.61	69.26	78.09	68.90	64.19	73.40	68.81	64.09	73.32
49	SOUTH CAROLINA	71.85	67.56	76.12	73.60	69.40	77.81	67.78	62.96	72.47	67.58	62.73	72.31
50	LOUISIANA	71.74	67.64	75.89	73.26	69.20	77.42	68.12	63.63	72.48	67.85	63.29	72.27
51	DISTRICT OF COLUMBIA	69.20	64.53	73.70	74.83	71.24	77.88	67.17	62.10	72.19	66.96	61.88	72.01

TABLE 1. LIFE TABLE FOR THE TOTAL POPULATION: IOWA, 1979-81

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
0-1	.01083	100,000	1,083	99,120	7,580,959	75.81
1-2	.00075	98,917	74	98,880	7,481,839	75.64
2-3	.00063	98,843	62	98,812	7,382,959	74.69
3-4	.00050	98,781	50	98,756	7,284,147	73.74
4-5	.00040	98,731	39	98,712	7,185,391	72.78
5-6	.00034	98,692	34	98,675	7,086,679	71.81
6-7	.00030	98,658	29	98,643	6,988,004	70.83
7-8	.00027	98,629	27	98,616	6,889,361	69.85
8-9	.00024	98,602	23	98,590	6,790,745	68.87
9-10	.00021	98,579	21	98,568	6,692,155	67.89
10-11	.00019	98,558	18	98,549	6,593,587	66.90
11-12	.00020	98,540	20	98,530	6,495,038	65.91
12-13	.00026	98,520	25	98,508	6,396,508	64.93
13-14	.00038	98,495	38	98,476	6,298,000	63.94
14-15	.00053	98,457	51	98,432	6,199,524	62.97
15-16	.00068	98,406	67	98,372	6,101,092	62.00
16-17	.00080	98,339	79	98,299	6,002,720	61.04
17-18	.00090	98,260	89	98,216	5,904,421	60.09
18-19	.00097	98,171	95	98,123	5,806,205	59.14
19-20	.00101	98,076	100	98,026	5,708,082	58.20
20-21	.00106	97,976	103	97,925	5,610,056	57.26
21-22	.00110	97,873	108	97,818	5,512,131	56.32
22-23	.00112	97,765	110	97,710	5,414,313	55.38
23-24	.00110	97,655	107	97,602	5,316,603	54.44
24-25	.00105	97,548	102	97,497	5,219,001	53.50
25-26	.00099	97,446	97	97,398	5,121,504	52.56
26-27	.00093	97,349	90	97,304	5,024,106	51.61
27-28	.00089	97,259	87	97,215	4,926,802	50.66
28-29	.00087	97,172	84	97,130	4,829,587	49.70
29-30	.00087	97,088	84	97,046	4,732,457	48.74
30-31	.00087	97,004	85	96,962	4,635,411	47.79
31-32	.00087	96,919	84	96,877	4,538,449	46.83
32-33	.00090	96,835	87	96,791	4,441,572	45.87
33-34	.00096	96,748	93	96,701	4,344,781	44.91
34-35	.00104	96,655	100	96,605	4,248,080	43.95
35-36	.00115	96,555	111	96,499	4,151,475	43.00
36-37	.00128	96,444	124	96,382	4,054,976	42.05
37-38	.00141	96,320	136	96,253	3,958,594	41.10
38-39	.00152	96,184	145	96,111	3,862,341	40.16
39-40	.00161	96,039	155	95,961	3,766,230	39.22
40-41	.00173	95,884	166	95,801	3,670,269	38.28
41-42	.00187	95,718	179	95,629	3,574,468	37.34
42-43	.00203	95,539	193	95,442	3,478,839	36.41
43-44	.00221	95,346	211	95,240	3,383,397	35.49
44-45	.00242	95,135	230	95,020	3,288,157	34.56
45-46	.00265	94,909	252	94,780	3,193,137	33.63
46-47	.00293	94,653	277	94,514	3,098,357	32.73
47-48	.00324	94,376	306	94,223	3,003,843	31.83
48-49	.00359	94,070	338	93,900	2,909,620	30.93
49-50	.00397	93,732	372	93,546	2,815,720	30.04
50-51	.00435	93,360	406	93,157	2,722,174	29.16
51-52	.00476	92,954	443	92,732	2,629,017	28.28
52-53	.00526	92,511	486	92,268	2,536,285	27.42
53-54	.00589	92,025	542	91,753	2,444,017	26.56
54-55	.00662	91,483	606	91,181	2,352,264	25.71

TABLE 1. LIFE TABLE FOR THE TOTAL POPULATION: IOWA, 1979-81--CON.

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
55-56	.00742	90,877	674	90,540	2,281,083	24.88
56-57	.00824	90,203	744	89,831	2,170,543	24.06
57-58	.00905	89,459	809	89,054	2,080,712	23.26
58-59	.00982	88,650	871	88,215	1,991,658	22.47
59-60	.01060	87,779	930	87,314	1,903,443	21.68
60-61	.01141	86,849	991	86,353	1,816,129	20.91
61-62	.01234	85,858	1,059	85,329	1,729,776	20.15
62-63	.01348	84,799	1,143	84,228	1,644,447	19.39
63-64	.01489	83,656	1,245	83,034	1,560,219	18.65
64-65	.01651	82,411	1,360	81,730	1,477,185	17.92
65-66	.01829	81,051	1,483	80,310	1,395,455	17.22
66-67	.02012	79,568	1,601	78,768	1,315,145	16.53
67-68	.02192	77,967	1,709	77,113	1,236,377	15.86
68-69	.02362	76,258	1,801	75,357	1,159,264	15.20
69-70	.02531	74,457	1,885	73,515	1,083,907	14.56
70-71	.02707	72,572	1,964	71,590	1,010,392	13.92
71-72	.02907	70,608	2,053	69,581	938,802	13.30
72-73	.03138	68,555	2,152	67,479	869,221	12.68
73-74	.03411	66,403	2,264	65,271	801,742	12.07
74-75	.03722	64,139	2,388	62,945	736,471	11.48
75-76	.04058	61,751	2,505	60,498	673,526	10.91
76-77	.04418	59,246	2,618	57,937	613,028	10.35
77-78	.04825	56,628	2,732	55,262	555,091	9.80
78-79	.05287	53,896	2,850	52,471	499,829	9.27
79-80	.05804	51,046	2,963	49,565	447,358	8.76
80-81	.06367	48,083	3,061	46,552	397,793	8.27
81-82	.06970	45,022	3,138	43,453	351,241	7.80
82-83	.07622	41,884	3,193	40,288	307,788	7.35
83-84	.08331	38,691	3,223	37,079	267,500	6.91
84-85	.09111	35,468	3,231	33,853	230,421	6.50
85-86	.10056	32,237	3,242	30,615	196,568	6.10
86-87	.11099	28,995	3,210	27,386	165,953	5.72
87-88	.12165	25,776	3,135	24,208	138,567	5.38
88-89	.13220	22,641	2,993	21,144	114,359	5.05
89-90	.14309	19,648	2,812	18,242	93,215	4.74
90-91	.15553	16,838	2,618	15,527	74,973	4.45
91-92	.16980	14,218	2,415	13,010	59,446	4.18
92-93	.18480	11,803	2,181	10,713	46,436	3.93
93-94	.19983	9,622	1,923	8,661	35,723	3.71
94-95	.21475	7,699	1,653	6,872	27,062	3.51
95-96	.22976	6,046	1,389	5,352	20,190	3.34
96-97	.24338	4,657	1,134	4,090	14,838	3.19
97-98	.25637	3,523	903	3,072	10,748	3.05
98-99	.26868	2,620	704	2,268	7,676	2.93
99-100	.28030	1,916	537	1,647	5,408	2.82
100-101	.29120	1,379	402	1,178	3,761	2.73
101-102	.30139	977	294	831	2,583	2.64
102-103	.31089	683	212	576	1,752	2.57
103-104	.31970	471	151	396	1,176	2.50
104-105	.32786	320	105	267	780	2.44
105-106	.33539	215	72	179	513	2.38
106-107	.34233	143	49	119	334	2.33
107-108	.34870	94	33	78	215	2.29
108-109	.35453	61	21	50	137	2.24
109-110	.35988	40	15	32	87	2.20

TABLE 2. LIFE TABLE FOR MALES: IOWA, 1979-81

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
0-1	.01248	100,000	1,248	98,986	7,200,193	72.00
1-2	.00087	98,752	86	98,709	7,101,207	71.91
2-3	.00068	98,666	67	98,633	7,002,498	70.97
3-4	.00058	98,599	58	98,570	6,903,865	70.02
4-5	.00042	98,541	41	98,520	6,809,295	69.06
5-6	.00037	98,500	36	98,482	6,706,775	68.09
6-7	.00033	98,464	33	98,448	6,608,293	67.11
7-8	.00031	98,431	31	98,415	6,509,845	66.14
8-9	.00028	98,400	27	98,387	6,411,430	65.16
9-10	.00024	98,373	24	98,361	6,313,043	64.17
10-11	.00022	98,349	21	98,339	6,214,682	63.19
11-12	.00024	98,328	23	98,316	6,116,343	62.20
12-13	.00033	98,305	33	98,288	6,018,027	61.22
13-14	.00051	98,272	51	98,246	5,919,739	60.24
14-15	.00074	98,221	72	98,185	5,821,493	59.27
15-16	.00097	98,149	96	98,101	5,723,308	58.31
16-17	.00116	98,053	114	97,997	5,625,207	57.37
17-18	.00132	97,939	129	97,875	5,527,210	56.43
18-19	.00143	97,810	140	97,740	5,429,335	55.51
19-20	.00151	97,670	147	97,597	5,331,595	54.59
20-21	.00160	97,523	156	97,444	5,233,998	53.67
21-22	.00167	97,367	163	97,286	5,136,554	52.75
22-23	.00170	97,204	166	97,121	5,039,268	51.84
23-24	.00167	97,038	162	96,957	4,942,147	50.93
24-25	.00159	96,876	154	96,799	4,845,190	50.01
25-26	.00148	96,722	143	96,651	4,748,391	49.09
26-27	.00138	96,579	133	96,513	4,651,740	48.16
27-28	.00130	96,446	125	96,383	4,555,227	47.23
28-29	.00125	96,321	121	96,260	4,458,844	46.29
29-30	.00124	96,200	119	96,140	4,362,584	45.35
30-31	.00123	96,081	118	96,022	4,266,444	44.40
31-32	.00122	95,963	117	95,905	4,170,422	43.46
32-33	.00123	95,846	118	95,787	4,074,517	42.51
33-34	.00129	95,728	124	95,666	3,978,730	41.56
34-35	.00139	95,604	132	95,538	3,883,064	40.62
35-36	.00152	95,472	145	95,399	3,787,526	39.67
36-37	.00168	95,327	160	95,247	3,692,127	38.73
37-38	.00184	95,167	175	95,079	3,596,880	37.80
38-39	.00197	94,992	187	94,899	3,501,801	36.86
39-40	.00209	94,805	199	94,705	3,406,902	35.94
40-41	.00224	94,606	212	94,500	3,312,197	35.01
41-42	.00243	94,394	229	94,280	3,217,697	34.09
42-43	.00263	94,165	248	94,040	3,123,417	33.17
43-44	.00286	93,917	269	93,783	3,029,377	32.26
44-45	.00312	93,648	292	93,502	2,935,594	31.35
45-46	.00342	93,356	318	93,197	2,842,092	30.44
46-47	.00377	93,038	351	92,862	2,748,895	29.55
47-48	.00420	92,687	390	92,492	2,656,033	28.66
48-49	.00470	92,297	434	92,080	2,563,541	27.77
49-50	.00525	91,863	482	91,622	2,471,461	26.90
50-51	.00579	91,381	530	91,116	2,379,839	26.04
51-52	.00637	90,851	579	90,562	2,288,723	25.19
52-53	.00707	90,272	637	89,954	2,198,161	24.35
53-54	.00792	89,635	710	89,279	2,108,207	23.52
54-55	.00892	88,925	793	88,529	2,018,928	22.70

TABLE 2. LIFE TABLE FOR MALES: IOWA, 1979-81—CON.

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
55-56	.01003	88,132	884	87,689	1,930,399	21.90
56-57	.01116	87,248	974	86,762	1,842,710	21.12
57-58	.01229	86,274	1,059	85,744	1,755,948	20.35
58-59	.01338	85,215	1,141	84,645	1,670,204	19.60
59-60	.01449	84,074	1,218	83,465	1,585,559	18.86
60-61	.01566	82,856	1,297	82,207	1,502,094	18.13
61-62	.01699	81,559	1,386	80,866	1,419,887	17.41
62-63	.01861	80,173	1,492	79,427	1,339,021	16.70
63-64	.02062	78,681	1,623	77,870	1,259,594	16.01
64-65	.02293	77,058	1,766	76,175	1,181,724	15.34
65-66	.02545	75,292	1,916	74,334	1,105,549	14.68
66-67	.02805	73,376	2,058	72,347	1,031,215	14.05
67-68	.03044	71,318	2,185	70,225	958,868	13.44
68-69	.03318	69,133	2,294	67,986	888,643	12.85
69-70	.03574	66,839	2,389	65,645	820,657	12.28
70-71	.03845	64,450	2,478	63,211	755,012	11.71
71-72	.04146	61,972	2,569	60,688	691,801	11.16
72-73	.04485	59,403	2,664	58,071	631,113	10.62
73-74	.04874	56,739	2,766	55,356	573,042	10.10
74-75	.05311	53,973	2,866	52,540	517,686	9.59
75-76	.05791	51,107	2,960	49,627	465,146	9.10
76-77	.06309	48,147	3,038	46,628	415,519	8.63
77-78	.06866	45,109	3,097	43,561	368,891	8.18
78-79	.07456	42,012	3,132	40,446	325,330	7.74
79-80	.08082	38,880	3,142	37,309	284,884	7.33
80-81	.08763	35,738	3,132	34,171	247,575	6.93
81-82	.09506	32,606	3,099	31,057	213,404	6.54
82-83	.10293	29,507	3,038	27,988	182,347	6.18
83-84	.11122	26,469	2,943	24,997	154,359	5.83
84-85	.12002	23,526	2,824	22,114	129,362	5.50
85-86	.13026	20,702	2,697	19,354	107,248	5.18
86-87	.14153	18,005	2,548	16,731	87,894	4.88
87-88	.15298	15,457	2,365	14,275	71,163	4.60
88-89	.16425	13,092	2,150	12,017	56,888	4.35
89-90	.17570	10,942	1,922	9,981	44,871	4.10
90-91	.18839	9,020	1,700	8,170	34,890	3.87
91-92	.20281	7,320	1,484	6,578	26,720	3.65
92-93	.21805	5,836	1,273	5,200	20,142	3.45
93-94	.23324	4,563	1,064	4,031	14,942	3.27
94-95	.24769	3,499	867	3,065	10,911	3.12
95-96	.26149	2,632	688	2,289	7,846	2.98
96-97	.27438	1,944	533	1,677	5,557	2.86
97-98	.28654	1,411	405	1,208	3,880	2.75
98-99	.29797	1,006	299	857	2,672	2.65
99-100	.30867	707	219	597	1,815	2.57
100-101	.31865	488	155	411	1,218	2.49
101-102	.32792	333	109	278	807	2.43
102-103	.33650	224	76	186	529	2.36
103-104	.34443	148	51	123	343	2.31
104-105	.35174	97	34	80	220	2.26
105-106	.35845	63	23	52	140	2.22
106-107	.36461	40	14	33	88	2.18
107-108	.37024	26	10	21	55	2.14
108-109	.37539	16	6	13	34	2.10
109-110	.38009	10	4	8	21	2.07

TABLE 3. LIFE TABLE FOR FEMALES: IOWA, 1979-81

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
0-1	.00908	100,000	908	99,261	7,959,629	79.60
1-2	.00062	99,092	61	99,062	7,860,368	79.32
2-3	.00057	99,031	57	99,002	7,761,306	78.37
3-4	.00043	98,974	43	98,952	7,662,304	77.42
4-5	.00037	98,931	37	98,913	7,563,352	76.45
5-6	.00031	98,894	30	98,879	7,466,439	75.48
6-7	.00026	98,864	26	98,851	7,367,560	74.50
7-8	.00023	98,838	23	98,827	7,268,709	73.52
8-9	.00020	98,815	19	98,805	7,167,882	72.54
9-10	.00017	98,796	17	98,788	7,069,077	71.55
10-11	.00015	98,779	15	98,771	6,970,289	70.56
11-12	.00016	98,764	16	98,756	6,871,518	69.58
12-13	.00018	98,748	17	98,740	6,772,762	68.59
13-14	.00024	98,731	24	98,719	6,674,022	67.60
14-15	.00031	98,707	30	98,692	6,575,303	66.61
15-16	.00038	98,677	37	98,658	6,476,611	65.63
16-17	.00044	98,640	43	98,619	6,377,953	64.66
17-18	.00048	98,597	47	98,573	6,279,334	63.69
18-19	.00050	98,550	50	98,525	6,180,761	62.72
19-20	.00051	98,500	50	98,475	6,082,236	61.75
20-21	.00052	98,450	52	98,424	5,983,761	60.78
21-22	.00053	98,398	52	98,371	5,885,337	59.81
22-23	.00054	98,346	53	98,320	5,786,966	58.84
23-24	.00053	98,293	52	98,267	5,688,646	57.87
24-25	.00051	98,241	50	98,216	5,590,379	56.90
25-26	.00049	98,191	48	98,167	5,492,163	55.93
26-27	.00047	98,143	47	98,120	5,393,996	54.96
27-28	.00046	98,096	45	98,074	5,295,876	53.99
28-29	.00047	98,051	46	98,028	5,197,802	53.01
29-30	.00048	98,005	47	97,981	5,099,774	52.04
30-31	.00050	97,958	49	97,934	5,001,793	51.06
31-32	.00053	97,909	52	97,882	4,903,859	50.09
32-33	.00056	97,857	55	97,830	4,805,977	49.11
33-34	.00062	97,802	60	97,772	4,708,147	48.14
34-35	.00069	97,742	68	97,708	4,610,375	47.17
35-36	.00078	97,674	76	97,636	4,512,667	46.20
36-37	.00089	97,598	87	97,554	4,415,031	45.24
37-38	.00099	97,511	96	97,463	4,317,477	44.28
38-39	.00107	97,415	105	97,362	4,220,014	43.32
39-40	.00114	97,310	111	97,255	4,122,652	42.37
40-41	.00122	97,199	119	97,139	4,025,397	41.41
41-42	.00132	97,080	128	97,016	3,928,258	40.46
42-43	.00144	96,952	139	96,882	3,831,242	39.52
43-44	.00158	96,813	153	96,736	3,734,360	38.57
44-45	.00174	96,660	169	96,576	3,637,624	37.63
45-46	.00193	96,491	186	96,398	3,541,048	36.70
46-47	.00214	96,305	207	96,201	3,444,650	35.77
47-48	.00235	96,098	225	95,986	3,348,449	34.84
48-49	.00255	95,873	245	95,750	3,252,463	33.92
49-50	.00276	95,628	264	95,496	3,156,713	33.01
50-51	.00297	95,364	283	95,223	3,061,217	32.10
51-52	.00321	95,081	305	94,928	2,965,994	31.19
52-53	.00352	94,776	334	94,609	2,871,066	30.29
53-54	.00393	94,442	371	94,257	2,776,457	29.40
54-55	.00443	94,071	417	93,863	2,682,200	28.51

TABLE 3. LIFE TABLE FOR FEMALES: IOWA, 1979-81—CON.

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
55-56	.00497	93,654	465	93,421	2,588,337	27.64
56-57	.00552	93,189	515	92,932	2,494,916	26.77
57-58	.00606	92,674	562	92,393	2,401,984	25.92
58-59	.00656	92,112	604	91,810	2,309,591	25.07
59-60	.00706	91,508	646	91,185	2,217,781	24.24
60-61	.00758	90,862	689	90,518	2,126,596	23.40
61-62	.00820	90,173	739	89,804	2,036,078	22.58
62-63	.00895	89,434	800	89,034	1,946,274	21.76
63-64	.00989	88,634	877	88,196	1,857,240	20.95
64-65	.01097	87,757	962	87,276	1,769,044	20.16
65-66	.01218	86,795	1,058	86,266	1,681,768	19.38
66-67	.01345	85,737	1,153	85,161	1,595,502	18.61
67-68	.01468	84,584	1,242	83,963	1,510,341	17.86
68-69	.01583	83,342	1,319	82,683	1,426,378	17.11
69-70	.01697	82,023	1,392	81,327	1,343,695	16.38
70-71	.01819	80,631	1,467	79,897	1,262,368	15.66
71-72	.01962	79,164	1,553	78,388	1,182,471	14.94
72-73	.02138	77,611	1,659	76,782	1,104,083	14.23
73-74	.02354	75,952	1,788	75,058	1,027,301	13.53
74-75	.02610	74,164	1,935	73,196	952,243	12.84
75-76	.02883	72,229	2,083	71,187	879,047	12.17
76-77	.03181	70,146	2,231	69,031	807,860	11.52
77-78	.03535	67,915	2,401	66,714	738,829	10.88
78-79	.03962	65,514	2,596	64,217	672,115	10.26
79-80	.04458	62,918	2,804	61,516	607,898	9.66
80-81	.04999	60,114	3,006	58,611	546,382	9.09
81-82	.05573	57,108	3,183	55,517	487,771	8.54
82-83	.06200	53,925	3,343	52,253	432,254	8.02
83-84	.06890	50,582	3,485	48,840	380,001	7.51
84-85	.07659	47,097	3,607	45,293	331,161	7.03
85-86	.08611	43,490	3,745	41,618	285,868	6.57
86-87	.09660	39,745	3,839	37,825	244,250	6.15
87-88	.10736	35,906	3,855	33,978	206,425	5.75
88-89	.11812	32,051	3,786	30,158	172,447	5.38
89-90	.12934	28,265	3,656	26,437	142,289	5.03
90-91	.14229	24,609	3,502	22,858	115,852	4.71
91-92	.15710	21,107	3,316	19,450	92,994	4.41
92-93	.17247	17,791	3,068	16,257	73,544	4.13
93-94	.18770	14,723	2,764	13,341	57,287	3.89
94-95	.20281	11,959	2,425	10,747	43,946	3.67
95-96	.21823	9,534	2,081	8,493	33,199	3.48
96-97	.23221	7,453	1,730	6,588	24,706	3.31
97-98	.24560	5,723	1,406	5,020	18,118	3.17
98-99	.25834	4,317	1,115	3,760	13,098	3.03
99-100	.27040	3,202	866	2,769	9,338	2.92
100-101	.28176	2,336	658	2,007	6,569	2.81
101-102	.29242	1,678	491	1,432	4,562	2.72
102-103	.30237	1,187	359	1,008	3,130	2.64
103-104	.31163	828	258	699	2,122	2.56
104-105	.32023	570	182	479	1,423	2.50
105-106	.32817	388	128	324	944	2.44
106-107	.33550	260	87	217	620	2.38
107-108	.34224	173	59	143	403	2.33
108-109	.34843	114	40	94	260	2.28
109-110	.35411	74	26	61	166	2.24

TABLE 4. LIFE TABLE FOR THE WHITE POPULATION: IOWA, 1979-81

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
0-1	.01056	100,000	1,056	99,140	7,588,072	75.88
1-2	.00075	98,944	74	98,907	7,488,932	75.69
2-3	.00060	98,870	59	98,840	7,390,025	74.75
3-4	.00051	98,811	50	98,786	7,291,185	73.79
4-5	.00037	98,761	37	98,743	7,192,399	72.83
5-6	.00034	98,724	33	98,708	7,093,656	71.85
6-7	.00030	98,691	29	98,676	6,994,948	70.88
7-8	.00027	98,662	27	98,648	6,896,272	69.90
8-9	.00024	98,635	24	98,623	6,797,624	68.92
9-10	.00021	98,611	21	98,600	6,699,001	67.93
10-11	.00019	98,590	18	98,580	6,600,401	66.95
11-12	.00019	98,572	19	98,562	6,501,821	65.96
12-13	.00025	98,553	25	98,541	6,403,259	64.97
13-14	.00037	98,528	37	98,509	6,304,718	63.99
14-15	.00052	98,491	51	98,466	6,206,209	63.01
15-16	.00067	98,440	66	98,407	6,107,743	62.05
16-17	.00080	98,374	78	98,335	6,009,336	61.09
17-18	.00090	98,296	88	98,252	5,911,001	60.13
18-19	.00096	98,208	95	98,160	5,812,749	59.19
19-20	.00101	98,113	99	98,063	5,714,589	58.25
20-21	.00105	98,014	103	97,962	5,616,526	57.30
21-22	.00110	97,911	108	97,857	5,518,564	56.36
22-23	.00111	97,803	109	97,749	5,420,707	55.42
23-24	.00109	97,694	107	97,640	5,322,958	54.49
24-25	.00104	97,587	101	97,537	5,225,318	53.55
25-26	.00098	97,486	96	97,438	5,127,781	52.60
26-27	.00092	97,390	90	97,345	5,030,343	51.65
27-28	.00087	97,300	85	97,258	4,932,998	50.70
28-29	.00085	97,215	83	97,174	4,835,740	49.74
29-30	.00085	97,132	83	97,091	4,738,566	48.78
30-31	.00086	97,049	83	97,008	4,641,475	47.83
31-32	.00087	96,966	84	96,924	4,544,467	46.87
32-33	.00089	96,882	86	96,839	4,447,543	45.91
33-34	.00094	96,796	91	96,750	4,350,704	44.95
34-35	.00102	96,705	99	96,655	4,253,954	43.99
35-36	.00113	96,606	109	96,552	4,157,299	43.03
36-37	.00125	96,497	120	96,437	4,060,747	42.08
37-38	.00137	96,377	132	96,310	3,964,310	41.13
38-39	.00148	96,245	142	96,174	3,868,000	40.19
39-40	.00158	96,103	152	96,027	3,771,826	39.25
40-41	.00169	95,951	162	95,870	3,675,799	38.31
41-42	.00184	95,789	176	95,701	3,579,929	37.37
42-43	.00200	95,613	191	95,518	3,484,228	36.44
43-44	.00217	95,422	207	95,319	3,388,710	35.51
44-45	.00238	95,215	226	95,101	3,293,391	34.59
45-46	.00261	94,989	248	94,865	3,198,290	33.67
46-47	.00288	94,741	273	94,605	3,103,425	32.76
47-48	.00319	94,468	301	94,318	3,008,820	31.85
48-49	.00354	94,167	333	94,000	2,914,502	30.95
49-50	.00391	93,834	367	93,651	2,820,502	30.06
50-51	.00429	93,467	401	93,266	2,726,851	29.17
51-52	.00470	93,066	438	92,847	2,633,585	28.30
52-53	.00521	92,628	483	92,387	2,540,738	27.43
53-54	.00583	92,145	537	91,876	2,448,351	26.57
54-55	.00656	91,608	601	91,307	2,356,475	25.72

TABLE 4. LIFE TABLE FOR THE WHITE POPULATION: IOWA, 1979-81—CON.

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
55-56	.00737	91,007	671	90,672	2,265,168	24.89
56-57	.00819	90,336	739	89,966	2,174,496	24.07
57-58	.00899	89,597	806	89,194	2,084,530	23.27
58-59	.00976	88,791	867	88,358	1,995,336	22.47
59-60	.01055	87,924	927	87,461	1,906,978	21.69
60-61	.01136	86,997	989	86,502	1,819,517	20.91
61-62	.01230	86,008	1,057	85,480	1,733,015	20.15
62-63	.01344	84,951	1,142	84,380	1,647,535	19.39
63-64	.01484	83,809	1,244	83,187	1,563,155	18.65
64-65	.01645	82,565	1,358	81,886	1,479,968	17.92
65-66	.01823	81,207	1,480	80,467	1,398,082	17.22
66-67	.02005	79,727	1,599	78,927	1,317,615	16.53
67-68	.02185	78,128	1,707	77,275	1,238,688	15.85
68-69	.02354	76,421	1,799	75,521	1,161,413	15.20
69-70	.02522	74,622	1,882	73,681	1,085,892	14.55
70-71	.02698	72,740	1,963	71,758	1,012,211	13.92
71-72	.02897	70,777	2,051	69,752	940,453	13.29
72-73	.03128	68,726	2,149	67,652	870,701	12.67
73-74	.03401	66,577	2,265	65,444	803,049	12.06
74-75	.09713	64,312	2,388	63,118	737,605	11.47
75-76	.04050	61,924	2,508	60,671	674,487	10.89
76-77	.04412	59,416	2,621	58,106	613,816	10.33
77-78	.04820	56,795	2,737	55,426	555,710	9.78
78-79	.05283	54,058	2,856	52,630	500,284	9.25
79-80	.05802	51,202	2,971	49,716	447,654	8.74
80-81	.06367	48,231	3,071	46,696	397,938	8.25
81-82	.06971	45,160	3,148	43,586	351,242	7.78
82-83	.07625	42,012	3,204	40,410	307,656	7.32
83-84	.08337	38,808	3,235	37,191	267,246	6.89
84-85	.09119	35,573	3,244	33,951	230,055	6.47
85-86	.10065	32,329	3,254	30,702	196,104	6.07
86-87	.11110	29,075	3,230	27,460	165,402	5.69
87-88	.12182	25,845	3,149	24,271	137,942	5.34
88-89	.13246	22,696	3,006	21,193	113,671	5.01
89-90	.14350	19,690	2,825	18,277	92,478	4.70
90-91	.15617	16,865	2,634	15,548	74,201	4.40
91-92	.17081	14,231	2,431	13,016	58,653	4.12
92-93	.18633	11,800	2,199	10,700	45,637	3.87
93-94	.20209	9,601	1,940	8,632	34,937	3.64
94-95	.21801	7,661	1,670	6,825	26,305	3.43
95-96	.23432	5,991	1,404	5,289	19,480	3.25
96-97	.24900	4,587	1,142	4,016	14,191	3.09
97-98	.26304	3,445	906	2,992	10,175	2.95
98-99	.27638	2,539	702	2,188	7,183	2.83
99-100	.28900	1,837	531	1,572	4,995	2.72
100-101	.30087	1,306	393	1,109	3,423	2.62
101-102	.31200	913	285	771	2,314	2.53
102-103	.32238	628	202	527	1,543	2.46
103-104	.33203	426	142	355	1,016	2.39
104-105	.34098	284	97	236	661	2.32
105-106	.34926	187	65	155	425	2.27
106-107	.35688	122	44	100	270	2.22
107-108	.36390	78	28	64	170	2.17
108-109	.37033	50	19	41	106	2.13
109-110	.37623	31	11	25	65	2.08

TABLE 5. LIFE TABLE FOR WHITE MALES: IOWA, 1979-81

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
0-1	.01218	100,000	1,218	99,009	7,209,327	72.09
1-2	.00089	98,782	87	98,738	7,110,318	71.98
2-3	.00064	98,695	64	98,663	7,011,580	71.04
3-4	.00058	98,631	57	98,602	6,912,917	70.09
4-5	.00039	98,574	38	98,555	6,814,315	69.13
5-6	.00036	98,536	36	98,518	6,715,760	68.16
6-7	.00033	98,500	33	98,484	6,617,242	67.18
7-8	.00031	98,467	30	98,452	6,518,758	66.20
8-9	.00028	98,437	28	98,423	6,420,306	65.22
9-10	.00025	98,409	24	98,397	6,321,883	64.24
10-11	.00022	98,385	22	98,373	6,223,486	63.26
11-12	.00024	98,363	24	98,352	6,125,113	62.27
12-13	.00033	98,339	32	98,323	6,026,761	61.29
13-14	.00051	98,307	51	98,281	5,928,438	60.31
14-15	.00074	98,256	72	98,220	5,830,157	59.34
15-16	.00096	98,184	94	98,137	5,731,937	58.38
16-17	.00115	98,090	113	98,033	5,633,800	57.44
17-18	.00130	97,977	128	97,914	5,535,767	56.50
18-19	.00142	97,849	138	97,780	5,437,853	55.57
19-20	.00150	97,711	147	97,637	5,340,073	54.65
20-21	.00159	97,564	155	97,486	5,242,436	53.73
21-22	.00167	97,409	163	97,327	5,144,950	52.82
22-23	.00170	97,246	165	97,164	5,047,623	51.91
23-24	.00166	97,081	162	97,000	4,950,459	50.99
24-25	.00157	96,919	152	96,843	4,853,459	50.08
25-26	.00146	96,767	141	96,696	4,756,616	49.16
26-27	.00136	96,626	131	96,560	4,659,920	48.23
27-28	.00127	96,495	123	96,434	4,563,360	47.29
28-29	.00122	96,372	118	96,313	4,466,926	46.35
29-30	.00121	96,254	117	96,195	4,370,613	45.41
30-31	.00120	96,137	115	96,080	4,274,418	44.46
31-32	.00120	96,022	115	95,964	4,178,338	43.51
32-33	.00122	95,907	117	95,849	4,082,374	42.57
33-34	.00127	95,790	122	95,729	3,986,525	41.62
34-35	.00136	95,668	130	95,603	3,890,796	40.67
35-36	.00148	95,538	143	95,467	3,795,193	39.72
36-37	.00164	95,395	157	95,316	3,699,726	38.78
37-38	.00180	95,238	171	95,153	3,604,410	37.85
38-39	.00193	95,067	183	94,975	3,509,257	36.91
39-40	.00205	94,884	195	94,787	3,414,282	35.98
40-41	.00220	94,689	208	94,585	3,319,495	35.06
41-42	.00238	94,481	225	94,369	3,224,910	34.13
42-43	.00258	94,256	243	94,134	3,130,541	33.21
43-44	.00281	94,013	264	93,881	3,036,407	32.30
44-45	.00306	93,749	287	93,605	2,942,526	31.39
45-46	.00336	93,462	314	93,306	2,848,921	30.48
46-47	.00371	93,148	345	92,975	2,755,615	29.58
47-48	.00414	92,803	384	92,611	2,662,640	28.69
48-49	.00463	92,419	429	92,204	2,570,029	27.81
49-50	.00518	91,990	476	91,753	2,477,825	26.94
50-51	.00573	91,514	524	91,251	2,386,072	26.07
51-52	.00631	90,990	574	90,703	2,294,821	25.22
52-53	.00700	90,416	633	90,100	2,204,118	24.38
53-54	.00785	89,783	705	89,431	2,114,018	23.55
54-55	.00884	89,078	787	88,684	2,024,587	22.73

TABLE 3. LIFE TABLE FOR WHITE MALES: IOWA, 1979-81--CON.

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
55-56	.00994	88,291	878	87,852	1,935,903	21.93
56-57	.01107	87,413	967	86,930	1,848,051	21.14
57-58	.01219	86,446	1,054	85,919	1,761,121	20.37
58-59	.01328	85,392	1,134	84,825	1,675,202	19.62
59-60	.01440	84,258	1,214	83,650	1,590,377	18.88
60-61	.01557	83,044	1,293	82,397	1,506,727	18.14
61-62	.01691	81,751	1,383	81,060	1,424,330	17.42
62-63	.01854	80,368	1,489	79,624	1,343,270	16.71
63-64	.02054	78,879	1,620	78,068	1,263,646	16.02
64-65	.02283	77,259	1,764	76,377	1,185,578	15.35
65-66	.02534	75,495	1,913	74,538	1,109,201	14.69
66-67	.02793	73,582	2,056	72,554	1,034,663	14.06
67-68	.03052	71,526	2,183	70,435	962,109	13.45
68-69	.03305	69,343	2,292	68,197	891,674	12.86
69-70	.03560	67,051	2,387	65,858	823,477	12.28
70-71	.03830	64,664	2,477	63,425	757,619	11.72
71-72	.04129	62,187	2,568	60,904	694,194	11.16
72-73	.04468	59,619	2,664	58,287	633,290	10.62
73-74	.04859	56,955	2,767	55,572	575,003	10.10
74-75	.05299	54,188	2,871	52,753	519,431	9.59
75-76	.05785	51,317	2,969	49,832	466,678	9.09
76-77	.06309	48,348	3,050	46,823	416,846	8.62
77-78	.06869	45,298	3,111	43,743	370,023	8.17
78-79	.07458	42,187	3,147	40,613	326,280	7.73
79-80	.08079	39,040	3,154	37,463	285,667	7.32
80-81	.08753	35,886	3,141	34,316	248,204	6.92
81-82	.09488	32,745	3,107	31,191	213,888	6.53
82-83	.10272	29,638	3,044	28,116	182,697	6.16
83-84	.11106	26,594	2,954	25,117	154,581	5.81
84-85	.12000	23,640	2,837	22,222	129,464	5.48
85-86	.13065	20,803	2,714	19,444	107,242	5.16
86-87	.14192	18,089	2,567	16,806	87,796	4.85
87-88	.15354	15,522	2,383	14,330	70,990	4.57
88-89	.16489	13,139	2,166	12,056	56,660	4.31
89-90	.17639	10,973	1,936	10,005	44,604	4.07
90-91	.18920	9,037	1,710	8,182	34,599	3.83
91-92	.20389	7,327	1,494	6,581	26,417	3.61
92-93	.21960	5,833	1,281	5,192	19,836	3.40
93-94	.23556	4,552	1,072	4,017	14,644	3.22
94-95	.25109	3,480	874	3,043	10,627	3.05
95-96	.26617	2,606	693	2,259	7,584	2.91
96-97	.28001	1,913	536	1,645	5,325	2.78
97-98	.29311	1,377	404	1,175	3,680	2.67
98-99	.30545	973	297	825	2,505	2.57
99-100	.31703	676	214	569	1,680	2.49
100-101	.32784	462	152	386	1,111	2.41
101-102	.33791	310	105	258	725	2.34
102-103	.34724	205	71	169	467	2.28
103-104	.35586	134	48	111	298	2.22
104-105	.36384	84	31	70	187	2.17
105-106	.37117	55	20	45	117	2.12
106-107	.37790	35	13	28	72	2.08
107-108	.38407	22	9	17	44	2.04
108-109	.38971	13	5	11	27	2.01
109-110	.39486	8	3	7	16	1.97

TABLE 6. LIFE TABLE FOR WHITE FEMALES, IOWA, 1979-81

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
0-1	.00885	100,000	885	99,280	7,964,438	79.64
1-2	.00061	99,115	60	99,085	7,865,158	79.35
2-3	.00055	99,055	54	99,028	7,766,073	78.40
3-4	.00043	99,001	42	98,980	7,667,045	77.44
4-5	.00035	98,959	35	98,941	7,568,065	76.48
5-6	.00031	98,924	31	98,909	7,469,124	75.50
6-7	.00027	98,893	26	98,880	7,370,215	74.53
7-8	.00024	98,867	23	98,855	7,271,335	73.55
8-9	.00020	98,844	21	98,833	7,172,480	72.56
9-10	.00017	98,823	17	98,815	7,073,647	71.58
10-11	.00015	98,806	14	98,799	6,974,832	70.59
11-12	.00014	98,792	14	98,785	6,876,033	69.60
12-13	.00017	98,778	16	98,770	6,777,248	68.61
13-14	.00022	98,762	22	98,751	6,678,478	67.62
14-15	.00030	98,740	29	98,725	6,579,727	66.64
15-16	.00037	98,711	37	98,692	6,481,002	65.64
16-17	.00043	98,674	43	98,653	6,382,310	64.68
17-18	.00048	98,631	47	98,607	6,283,657	63.71
18-19	.00050	98,584	50	98,559	6,185,050	62.74
19-20	.00051	98,534	51	98,509	6,086,491	61.77
20-21	.00052	98,483	51	98,457	5,987,982	60.80
21-22	.00053	98,432	52	98,406	5,889,525	59.83
22-23	.00053	98,380	53	98,353	5,791,119	58.87
23-24	.00053	98,327	52	98,302	5,692,766	57.90
24-25	.00051	98,275	50	98,250	5,594,464	56.93
25-26	.00049	98,225	48	98,201	5,496,214	55.96
26-27	.00047	98,177	46	98,154	5,398,013	54.98
27-28	.00046	98,131	46	98,108	5,299,859	54.01
28-29	.00047	98,085	46	98,062	5,201,751	53.03
29-30	.00048	98,039	47	98,015	5,103,689	52.06
30-31	.00050	97,992	50	97,967	5,005,674	51.08
31-32	.00053	97,942	52	97,917	4,907,707	50.11
32-33	.00056	97,890	55	97,863	4,809,790	49.13
33-34	.00061	97,835	60	97,805	4,711,927	48.16
34-35	.00068	97,775	66	97,742	4,614,122	47.19
35-36	.00076	97,709	74	97,672	4,516,380	46.22
36-37	.00085	97,635	83	97,594	4,418,708	45.26
37-38	.00095	97,552	93	97,505	4,321,114	44.30
38-39	.00103	97,459	100	97,409	4,223,609	43.34
39-40	.00111	97,359	108	97,305	4,126,200	42.38
40-41	.00120	97,251	117	97,192	4,028,895	41.43
41-42	.00130	97,134	127	97,071	3,931,703	40.48
42-43	.00142	97,007	138	96,938	3,834,632	39.53
43-44	.00156	96,869	151	96,793	3,737,694	38.58
44-45	.00172	96,718	166	96,635	3,640,901	37.64
45-46	.00190	96,552	184	96,460	3,544,266	36.71
46-47	.00210	96,368	202	96,268	3,447,806	35.79
47-48	.00230	96,166	221	96,056	3,351,538	34.85
48-49	.00250	95,945	240	95,825	3,255,482	33.93
49-50	.00271	95,705	260	95,575	3,159,657	33.01
50-51	.00292	95,445	278	95,306	3,064,082	32.10
51-52	.00316	95,167	301	95,016	2,968,776	31.20
52-53	.00348	94,866	331	94,701	2,873,760	30.29
53-54	.00390	94,535	368	94,351	2,779,059	29.40
54-55	.00439	94,167	414	93,960	2,684,708	28.51

TABLE 6. LIFE TABLE FOR WHITE FEMALES: IOWA, 1979-81—CON.

AGE IN YEARS	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED	PROPORTION OF PERSONS ALIVE AT BEGINNING OF YEAR OF AGE DYING DURING YEAR	NUMBER LIVING AT BEGINNING OF YEAR OF AGE	NUMBER DYING DURING YEAR OF AGE	IN YEAR OF AGE	IN THIS YEAR OF AGE AND ALL SUBSEQUENT YEARS	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF YEAR OF AGE
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+1$	q_x	l_x	d_x	L_x	T_x	$\mathring{e}_x$
55-56	.00494	93,753	463	93,521	2,590,748	27.63
56-57	.00550	93,290	513	93,034	2,497,227	26.77
57-58	.00603	92,777	560	92,497	2,404,193	25.91
58-59	.00654	92,217	602	91,916	2,311,696	25.07
59-60	.00704	91,615	645	91,292	2,219,780	24.23
60-61	.00757	90,970	689	90,626	2,128,488	23.40
61-62	.00819	90,281	739	89,911	2,037,862	22.57
62-63	.00894	89,542	801	89,142	1,947,951	21.75
63-64	.00987	88,741	876	88,303	1,858,809	20.95
64-65	.01095	87,865	962	87,384	1,770,506	20.15
65-66	.01218	86,903	1,056	86,375	1,683,122	19.37
66-67	.01341	85,847	1,151	85,271	1,596,747	18.60
67-68	.01464	84,696	1,240	84,076	1,511,476	17.85
68-69	.01578	83,456	1,317	82,798	1,427,400	17.10
69-70	.01692	82,139	1,390	81,443	1,344,602	16.37
70-71	.01813	80,749	1,464	80,017	1,263,159	15.64
71-72	.01957	79,285	1,552	78,509	1,183,142	14.92
72-73	.02131	77,733	1,656	76,905	1,104,633	14.21
73-74	.02347	76,077	1,786	75,184	1,027,728	13.51
74-75	.02602	74,291	1,933	73,324	952,544	12.82
75-76	.02875	72,358	2,080	71,318	879,220	12.15
76-77	.03171	70,278	2,229	69,163	807,902	11.50
77-78	.03526	68,049	2,399	66,849	738,739	10.86
78-79	.03956	65,650	2,597	64,352	671,890	10.23
79-80	.04436	63,053	2,810	61,648	607,538	9.64
80-81	.05004	60,243	3,015	58,735	545,890	9.06
81-82	.05588	57,228	3,196	55,630	487,155	8.51
82-83	.06216	54,032	3,358	52,353	431,525	7.99
83-84	.06907	50,674	3,500	48,924	379,172	7.48
84-85	.07672	47,174	3,619	45,364	330,248	7.00
85-86	.08615	43,555	3,753	41,678	284,884	6.54
86-87	.09659	39,802	3,844	37,880	243,206	6.11
87-88	.10736	35,958	3,861	34,027	205,326	5.71
88-89	.11820	32,097	3,794	30,201	171,299	5.34
89-90	.12960	28,303	3,668	26,469	141,098	4.99
90-91	.14281	24,635	3,518	22,876	114,629	4.65
91-92	.15798	21,117	3,336	19,449	91,753	4.34
92-93	.17384	17,781	3,091	16,236	72,304	4.07
93-94	.18972	14,690	2,787	13,296	56,068	3.82
94-95	.20571	11,903	2,448	10,679	42,772	3.59
95-96	.22228	9,455	2,102	8,404	32,093	3.39
96-97	.23729	7,353	1,745	6,480	23,689	3.22
97-98	.25173	5,608	1,412	4,903	17,209	3.07
98-99	.26551	4,196	1,114	3,639	12,306	2.93
99-100	.27859	3,082	858	2,653	8,667	2.81
100-101	.29094	2,224	647	1,900	6,014	2.70
101-102	.30255	1,577	477	1,338	4,114	2.61
102-103	.31342	1,100	345	927	2,776	2.52
103-104	.32355	755	244	633	1,849	2.45
104-105	.33297	511	170	426	1,216	2.38
105-106	.34168	341	117	282	790	2.32
106-107	.34973	224	78	185	508	2.26
107-108	.35715	146	52	120	323	2.21
108-109	.36397	94	34	77	203	2.17
109-110	.37022	60	22	48	126	2.12

TABLE 7. STANDARD ERRORS OF THE PROBABILITY OF DYING: IOWA, 1979-81

EXACT AGE IN YEARS	TOTAL			WHITE			ALL OTHER					
							TOTAL			BLACK		
	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE
0.....	.000276	.000413	.000363	.000278	.000416	.000365	*	*	*	*	*	*
1.....	.000074	.000111	.000097	.000076	.000114	.000098	*	*	*	*	*	*
2.....	.000069	.000101	.000094	.000068	.000099	.000093	*	*	*	*	*	*
3.....	.000063	.000094	.000082	.000064	.000096	.000083	*	*	*	*	*	*
4.....	.000056	.000081	.000078	.000055	.000079	.000077	*	*	*	*	*	*
5.....	.000052	.000076	.000071	.000053	.000076	.000072	*	*	*	*	*	*
6.....	.000049	.000072	.000065	.000050	.000073	.000067	*	*	*	*	*	*
7.....	.000046	.000069	.000061	.000047	.000071	.000063	*	*	*	*	*	*
8.....	.000043	.000065	.000056	.000044	.000067	.000058	*	*	*	*	*	*
9.....	.000040	.000060	.000052	.000041	.000062	.000053	*	*	*	*	*	*
10.....	.000038	.000057	.000049	.000038	.000058	.000049	*	*	*	*	*	*
11.....	.000038	.000059	.000049	.000038	.000060	.000047	*	*	*	*	*	*
12.....	.000043	.000069	.000052	.000043	.000070	.000050	*	*	*	*	*	*
13.....	.000051	.000084	.000058	.000051	.000085	.000057	*	*	*	*	*	*
14.....	.000059	.000098	.000064	.000060	.000099	.000064	*	*	*	*	*	*
15.....	.000065	.000110	.000070	.000066	.000111	.000070	*	*	*	*	*	*
16.....	.000070	.000118	.000073	.000070	.000119	.000074	*	*	*	*	*	*
17.....	.000073	.000124	.000076	.000074	.000125	.000077	*	*	*	*	*	*
18.....	.000075	.000129	.000077	.000076	.000130	.000078	*	*	*	*	*	*
19.....	.000077	.000133	.000078	.000078	.000134	.000079	*	*	*	*	*	*
20.....	.000079	.000138	.000079	.000080	.000139	.000080	*	*	*	*	*	*
21.....	.000081	.000142	.000080	.000082	.000144	.000081	*	*	*	*	*	*
22.....	.000083	.000145	.000081	.000084	.000146	.000082	*	*	*	*	*	*
23.....	.000083	.000144	.000081	.000083	.000146	.000082	*	*	*	*	*	*
24.....	.000082	.000141	.000081	.000082	.000143	.000082	*	*	*	*	*	*
25.....	.000080	.000138	.000080	.000081	.000139	.000081	*	*	*	*	*	*
26.....	.000079	.000135	.000080	.000079	.000135	.000081	*	*	*	*	*	*
27.....	.000078	.000132	.000080	.000078	.000132	.000082	*	*	*	*	*	*
28.....	.000078	.000132	.000082	.000079	.000132	.000083	*	*	*	*	*	*
29.....	.000079	.000133	.000084	.000080	.000133	.000086	*	*	*	*	*	*
30.....	.000081	.000135	.000087	.000081	.000135	.000088	*	*	*	*	*	*
31.....	.000082	.000136	.000091	.000083	.000137	.000092	*	*	*	*	*	*
32.....	.000085	.000140	.000095	.000086	.000141	.000097	*	*	*	*	*	*
33.....	.000090	.000147	.000102	.000090	.000148	.000103	*	*	*	*	*	*
34.....	.000096	.000157	.000111	.000096	.000157	.000111	*	*	*	*	*	*
35.....	.000104	.000169	.000121	.000104	.000170	.000121	*	*	*	*	*	*
36.....	.000113	.000183	.000133	.000113	.000183	.000131	*	*	*	*	*	*
37.....	.000121	.000197	.000143	.000121	.000197	.000142	*	*	*	*	*	*
38.....	.000128	.000208	.000152	.000128	.000208	.000150	*	*	*	*	*	*
39.....	.000134	.000217	.000159	.000134	.000217	.000158	*	*	*	*	*	*
40.....	.000140	.000227	.000166	.000140	.000227	.000166	*	*	*	*	*	*
41.....	.000147	.000238	.000174	.000147	.000238	.000174	*	*	*	*	*	*
42.....	.000154	.000251	.000183	.000155	.000251	.000184	*	*	*	*	*	*
43.....	.000163	.000264	.000193	.000163	.000264	.000194	*	*	*	*	*	*
44.....	.000171	.000278	.000204	.000171	.000278	.000204	*	*	*	*	*	*
45.....	.000181	.000294	.000215	.000181	.000294	.000215	*	*	*	*	*	*
46.....	.000191	.000311	.000227	.000190	.000311	.000226	*	*	*	*	*	*
47.....	.000200	.000328	.000237	.000200	.000328	.000237	*	*	*	*	*	*
48.....	.000209	.000344	.000246	.000209	.000344	.000246	*	*	*	*	*	*
49.....	.000218	.000359	.000254	.000218	.000359	.000254	*	*	*	*	*	*
50.....	.000225	.000372	.000260	.000226	.000373	.000261	*	*	*	*	*	*
51.....	.000233	.000385	.000268	.000234	.000386	.000269	*	*	*	*	*	*
52.....	.000243	.000402	.000279	.000244	.000403	.000280	*	*	*	*	*	*
53.....	.000256	.000424	.000294	.000257	.000426	.000295	*	*	*	*	*	*
54.....	.000272	.000451	.000311	.000272	.000452	.000312	*	*	*	*	*	*

TABLE 7. STANDARD ERRORS OF THE PROBABILITY OF DYING: IOWA, 1979-81--CON.

EXACT AGE IN YEARS	TOTAL			WHITE			ALL OTHER					
							TOTAL			BLACK		
	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE
55.....	.000288	.000479	.000328	.000288	.000480	.000330	*	*	*	*	*	*
56.....	.000303	.000507	.000345	.000304	.000508	.000347	*	*	*	*	*	*
57.....	.000318	.000535	.000362	.000319	.000536	.000363	*	*	*	*	*	*
58.....	.000334	.000562	.000378	.000335	.000563	.000380	*	*	*	*	*	*
59.....	.000350	.000592	.000395	.000351	.000593	.000397	*	*	*	*	*	*
60.....	.000367	.000623	.000413	.000368	.000624	.000415	*	*	*	*	*	*
61.....	.000385	.000657	.000433	.000387	.000659	.000435	*	*	*	*	*	*
62.....	.000407	.000697	.000456	.000409	.000699	.000458	*	*	*	*	*	*
63.....	.000432	.000743	.000483	.000433	.000745	.000485	*	*	*	*	*	*
64.....	.000459	.000792	.000512	.000460	.000794	.000514	*	*	*	*	*	*
65.....	.000487	.000844	.000543	.000489	.000847	.000545	*	*	*	*	*	*
66.....	.000517	.000899	.000576	.000519	.000902	.000578	*	*	*	*	*	*
67.....	.000546	.000955	.000607	.000548	.000958	.000610	*	*	*	*	*	*
68.....	.000576	.001014	.000638	.000578	.001017	.000640	*	*	*	*	*	*
69.....	.000607	.001076	.000669	.000609	.001080	.000672	*	*	*	*	*	*
70.....	.000640	.001145	.000703	.000642	.001148	.000706	*	*	*	*	*	*
71.....	.000676	.001220	.000742	.000678	.001223	.000744	*	*	*	*	*	*
72.....	.000718	.001305	.000786	.000720	.001308	.000788	*	*	*	*	*	*
73.....	.000764	.001399	.000837	.000766	.001403	.000840	*	*	*	*	*	*
74.....	.000815	.001504	.000895	.000817	.001509	.000897	*	*	*	*	*	*
75.....	.000870	.001621	.000956	.000873	.001627	.000958	*	*	*	*	*	*
76.....	.000930	.001750	.001022	.000933	.001757	.001024	*	*	*	*	*	*
77.....	.000997	.001891	.001098	.001001	.001899	.001101	*	*	*	*	*	*
78.....	.001072	.002044	.001186	.001076	.002053	.001190	*	*	*	*	*	*
79.....	.001156	.002211	.001287	.001160	.002220	.001292	*	*	*	*	*	*
80.....	.001248	.002397	.001396	.001253	.002405	.001402	*	*	*	*	*	*
81.....	.001348	.002606	.001513	.001354	.002614	.001520	*	*	*	*	*	*
82.....	.001462	.002840	.001645	.001468	.002848	.001653	*	*	*	*	*	*
83.....	.001592	.003104	.001797	.001599	.003114	.001806	*	*	*	*	*	*
84.....	.001743	.003405	.001975	.001751	.003418	.001984	*	*	*	*	*	*
85.....	.001925	.003759	.002190	.001933	.003777	.002199	*	*	*	*	*	*
86.....	.002134	.004173	.002437	.002142	.004195	.002445	*	*	*	*	*	*
87.....	.002371	.004649	.002715	.002382	.004677	.002723	*	*	*	*	*	*
88.....	.002644	.005204	.003031	.002656	.005236	.003041	*	*	*	*	*	*
89.....	.002966	.005867	.003402	.002980	.005903	.003416	*	*	*	*	*	*
90.....	.003373	.006709	.003870	.003391	.006751	.003888	*	*	*	*	*	*
91.....	.003892	.007797	.004463	.003914	.007849	.004486	*	*	*	*	*	*
92.....	.004523	.009149	.005175	.004551	.009215	.005205	*	*	*	*	*	*
93.....	.005253	.010741	.005993	.005291	.010827	.006033	*	*	*	*	*	*
94.....	.006093	.012569	.006934	.006143	.012682	.006986	*	*	*	*	*	*
95.....	.007387	.015716	.008319	.007289	.015406	.008226	*	*	*	*	*	*
96.....	.008733	.018656	.009829	.008657	.018369	.009762	*	*	*	*	*	*
97.....	.010215	.022453	.011430	.010171	.022312	.011404	*	*	*	*	*	*
98.....	.012026	.026889	.013382	.012034	.026853	.013414	*	*	*	*	*	*
99.....	.014249	.032413	.015768	.014340	.032551	.015889	*	*	*	*	*	*
100....	.016990	.039321	.018697	.017206	.039736	.018953	*	*	*	*	*	*
101....	.020381	.047995	.022307	.020788	.048835	.022765	*	*	*	*	*	*
102....	.024598	.058926	.026776	.025275	.060410	.027527	*	*	*	*	*	*
103....	.029855	.072750	.032329	.030939	.075193	.033504	*	*	*	*	*	*
104....	.036436	.090291	.039251	.038105	.094145	.041035	*	*	*	*	*	*
105....	.044697	.112620	.047912	.047205	.118530	.050564	*	*	*	*	*	*
106....	.055102	.141123	.058780	.058805	.150013	.062662	*	*	*	*	*	*
107....	.068242	.177615	.072458	.073640	.190787	.078078	*	*	*	*	*	*
108....	.084880	.224448	.089720	.092672	.243753	.097783	*	*	*	*	*	*
109....	.106002	.284687	.111563	.117160	.312745	.123049	*	*	*	*	*	*

TABLE 8. STANDARD ERRORS OF THE AVERAGE REMAINING LIFETIME: IOWA, 1979-81

EXACT AGE IN YEARS	TOTAL			WHITE			ALL OTHER					
							TOTAL			BLACK		
	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE
0	.053	.074	.071	.053	.074	.071	*	*	*	*	*	*
1	.049	.068	.065	.049	.069	.065	*	*	*	*	*	*
2	.048	.068	.065	.049	.068	.065	*	*	*	*	*	*
3	.048	.068	.064	.048	.068	.065	*	*	*	*	*	*
4	.048	.067	.064	.048	.068	.064	*	*	*	*	*	*
5	.048	.067	.064	.048	.068	.064	*	*	*	*	*	*
6	.048	.067	.064	.048	.067	.064	*	*	*	*	*	*
7	.048	.067	.064	.048	.067	.064	*	*	*	*	*	*
8	.048	.067	.063	.048	.067	.064	*	*	*	*	*	*
9	.047	.067	.063	.048	.067	.063	*	*	*	*	*	*
10	.047	.067	.063	.048	.067	.063	*	*	*	*	*	*
11	.047	.067	.063	.048	.067	.063	*	*	*	*	*	*
12	.047	.066	.063	.047	.067	.063	*	*	*	*	*	*
13	.047	.066	.063	.047	.067	.063	*	*	*	*	*	*
14	.047	.066	.063	.047	.067	.063	*	*	*	*	*	*
15	.047	.066	.063	.047	.066	.063	*	*	*	*	*	*
16	.047	.066	.063	.047	.066	.063	*	*	*	*	*	*
17	.047	.065	.062	.047	.066	.063	*	*	*	*	*	*
18	.047	.065	.062	.047	.066	.062	*	*	*	*	*	*
19	.046	.065	.062	.047	.065	.062	*	*	*	*	*	*
20	.046	.065	.062	.046	.065	.062	*	*	*	*	*	*
21	.046	.064	.062	.046	.065	.062	*	*	*	*	*	*
22	.046	.064	.062	.046	.064	.062	*	*	*	*	*	*
23	.046	.064	.062	.046	.064	.062	*	*	*	*	*	*
24	.046	.063	.061	.046	.064	.062	*	*	*	*	*	*
25	.045	.063	.061	.046	.063	.061	*	*	*	*	*	*
26	.045	.063	.061	.045	.063	.061	*	*	*	*	*	*
27	.045	.063	.061	.045	.063	.061	*	*	*	*	*	*
28	.045	.062	.061	.045	.063	.061	*	*	*	*	*	*
29	.045	.062	.061	.045	.062	.061	*	*	*	*	*	*
30	.045	.062	.061	.045	.062	.061	*	*	*	*	*	*
31	.045	.062	.061	.045	.062	.061	*	*	*	*	*	*
32	.044	.061	.060	.045	.062	.060	*	*	*	*	*	*
33	.044	.061	.060	.044	.061	.060	*	*	*	*	*	*
34	.044	.061	.060	.044	.061	.060	*	*	*	*	*	*
35	.044	.061	.060	.044	.061	.060	*	*	*	*	*	*
36	.044	.061	.060	.044	.061	.060	*	*	*	*	*	*
37	.044	.060	.059	.044	.060	.060	*	*	*	*	*	*
38	.043	.060	.059	.044	.060	.059	*	*	*	*	*	*
39	.043	.060	.059	.043	.060	.059	*	*	*	*	*	*
40	.043	.059	.059	.043	.059	.059	*	*	*	*	*	*
41	.043	.059	.058	.043	.059	.058	*	*	*	*	*	*
42	.042	.058	.058	.043	.059	.058	*	*	*	*	*	*
43	.042	.058	.058	.042	.058	.058	*	*	*	*	*	*
44	.042	.057	.057	.042	.058	.057	*	*	*	*	*	*
45	.042	.057	.057	.042	.057	.057	*	*	*	*	*	*
46	.041	.056	.056	.041	.057	.056	*	*	*	*	*	*
47	.041	.056	.056	.041	.056	.056	*	*	*	*	*	*
48	.041	.055	.055	.041	.056	.055	*	*	*	*	*	*
49	.040	.055	.055	.040	.055	.055	*	*	*	*	*	*
50	.040	.054	.054	.040	.055	.055	*	*	*	*	*	*
51	.039	.054	.054	.040	.054	.054	*	*	*	*	*	*
52	.039	.053	.053	.039	.053	.054	*	*	*	*	*	*
53	.039	.053	.053	.039	.053	.053	*	*	*	*	*	*
54	.038	.052	.053	.038	.052	.053	*	*	*	*	*	*

TABLE 8. STANDARD ERRORS OF THE AVERAGE REMAINING LIFETIME: IOWA, 1979-81—CON.

EXACT AGE IN YEARS	TOTAL			WHITE			ALL OTHER					
							TOTAL			BLACK		
	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE
55	.038	.052	.052	.038	.052	.052	*	*	*	*	*	*
56	.038	.051	.052	.038	.051	.052	*	*	*	*	*	*
57	.037	.051	.051	.037	.051	.051	*	*	*	*	*	*
58	.037	.050	.050	.037	.050	.050	*	*	*	*	*	*
59	.036	.050	.050	.037	.050	.050	*	*	*	*	*	*
60	.036	.049	.049	.036	.049	.049	*	*	*	*	*	*
61	.036	.049	.049	.036	.049	.049	*	*	*	*	*	*
62	.035	.048	.048	.035	.048	.048	*	*	*	*	*	*
63	.035	.047	.048	.035	.048	.048	*	*	*	*	*	*
64	.034	.047	.047	.034	.047	.047	*	*	*	*	*	*
65	.034	.046	.046	.034	.047	.046	*	*	*	*	*	*
66	.034	.046	.046	.034	.046	.046	*	*	*	*	*	*
67	.033	.046	.045	.033	.046	.045	*	*	*	*	*	*
68	.033	.045	.045	.033	.045	.045	*	*	*	*	*	*
69	.032	.045	.044	.032	.045	.044	*	*	*	*	*	*
70	.032	.044	.043	.032	.044	.043	*	*	*	*	*	*
71	.032	.044	.043	.032	.044	.043	*	*	*	*	*	*
72	.031	.044	.042	.031	.044	.042	*	*	*	*	*	*
73	.031	.043	.042	.031	.043	.041	*	*	*	*	*	*
74	.031	.043	.041	.031	.043	.041	*	*	*	*	*	*
75	.030	.043	.040	.030	.043	.040	*	*	*	*	*	*
76	.030	.043	.040	.030	.043	.040	*	*	*	*	*	*
77	.030	.042	.039	.030	.042	.039	*	*	*	*	*	*
78	.029	.042	.039	.029	.042	.039	*	*	*	*	*	*
79	.029	.042	.039	.029	.042	.038	*	*	*	*	*	*
80	.029	.043	.038	.029	.042	.038	*	*	*	*	*	*
81	.029	.043	.038	.029	.043	.038	*	*	*	*	*	*
82	.029	.043	.038	.029	.043	.038	*	*	*	*	*	*
83	.029	.044	.038	.029	.044	.038	*	*	*	*	*	*
84	.030	.045	.038	.029	.044	.038	*	*	*	*	*	*
85	.030	.046	.038	.030	.0	.038	*	*	*	*	*	*
86	.031	.047	.039	.030	.047	.038	*	*	*	*	*	*
87	.031	.049	.040	.031	.048	.039	*	*	*	*	*	*
88	.032	.051	.041	.032	.050	.040	*	*	*	*	*	*
89	.034	.054	.042	.033	.053	.041	*	*	*	*	*	*
90	.035	.058	.044	.034	.057	.043	*	*	*	*	*	*
91	.037	.063	.046	.036	.061	.045	*	*	*	*	*	*
92	.040	.068	.049	.039	.066	.047	*	*	*	*	*	*
93	.043	.075	.052	.041	.073	.050	*	*	*	*	*	*
94	.047	.084	.056	.045	.081	.054	*	*	*	*	*	*
95	.052	.096	.062	.049	.091	.059	*	*	*	*	*	*
96	.057	.109	.068	.055	.103	.065	*	*	*	*	*	*
97	.064	.124	.075	.061	.118	.071	*	*	*	*	*	*
98	.072	.143	.083	.068	.136	.079	*	*	*	*	*	*
99	.081	.166	.094	.078	.159	.090	*	*	*	*	*	*
100	.093	.194	.106	.090	.187	.102	*	*	*	*	*	*
101	.108	.230	.122	.104	.222	.118	*	*	*	*	*	*
102	.126	.275	.142	.122	.266	.137	*	*	*	*	*	*
103	.149	.330	.166	.145	.321	.162	*	*	*	*	*	*
104	.176	.399	.195	.173	.388	.192	*	*	*	*	*	*
105	.211	.486	.232	.208	.470	.229	*	*	*	*	*	*
106	.254	.595	.278	.252	.568	.276	*	*	*	*	*	*
107	.308	.730	.335	.306	.676	.334	*	*	*	*	*	*
108	.375	.896	.407	.373	.775	.406	*	*	*	*	*	*
109	.459	1.100	.498	.455	.800	.495	*	*	*	*	*	*

U.S. Decennial Life Tables, 1979-81

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